

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	2900	DVD and (middle same layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/18 08:52
L3	796	I2 and @ay<"2004"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/18 08:53
L4	351	I3 and (dummy or null or fill\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/18 08:54
L5	855	DVD and (middle same layer same (area or region))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/18 08:56
L6	200	I5 and @ay<"2004"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/18 08:56
L7	91	I6 and (dummy or null or fill\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/18 08:57
L8	764	I5 not I7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/18 09:04
L9	109	I6 not I7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/18 09:04
L10	0	I9	EPO; JPO; DERWENT	OR	ON	2009/12/18 09:04
S4	10260	(disc or disk or DVD) same (("I0" and "I1") or ((plural\$3 or multi\$3) near layer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/10/27 13:54
S5	98	S4 and stuff\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/10/27 13:56

S6	2	("7016289"   "7502285").PN. OR ("7593303").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/27 14:03
S7	332	S4 and ((transit\$ or middle) same (fill\$3 or shift\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/10/27 14:18
S8	124	S7 and @ay<"2004"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/10/27 14:19
S9	5013	S4 and @ay<"2004"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/10/27 14:38
S10	108	S9 and null	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/10/27 14:41
S11	305	(disc or disk or DVD) same (("I0" and "I1") or ((plural\$3 or multi \$3) near layer)) and (align\$4 same (transition or middle or switch\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/10/28 10:12
S12	4398	((disc or disk or DVD) same layers) and (align \$4 same (transition or middle or switch\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/10/28 10:37
S13	4094	S12 not S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/10/28 10:37
S14	19	S13 and @py<"2005"	EPO; JPO; DERWENT	OR	ON	2009/10/28 10:37
S15	2912	S12 and @py<"2005"	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/28 10:40
S16	248	((disc or disk or DVD) same layers) and ((null or fill\$3 or stuff\$3) same shift\$3 same (transition or middle or switch\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/10/28 10:41
S17	2	("7016289"   "7502285").PN. OR ("7593303").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/28 10:50

S18	20	("20020024902"   "20020114245"   "20020159353"   "20030033475"   "20030133369"   "20030163638"   "20030223338"   "20040057366"   "20040090886"   "20040133739"   "20040160875"   "20040213117"   "5729525"   "5881032"   "5930225"   "5966721"   "6072759"   "6076135"   "6154806"   "6456584").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/28 10:53
S19	2039	((disc or disk or DVD) same layers) and (null or fill\$3 or stuff\$3)	EPO; JPO; DERWENT	OR	ON	2009/10/28 10:58
S20	1560	S19 and @py<"2005"	EPO; JPO; DERWENT	OR	ON	2009/10/28 10:58
S21	0	S20 and h04n\$.ipc.	EPO; JPO; DERWENT	OR	ON	2009/10/28 10:59
S22	68	S20 and (transition or middle or switch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/10/28 11:00
S23	1	S20 and (transition or middle or switch\$3) and shift\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/10/28 11:01
S24	1093	((disc or disk or DVD) same layers) same dummy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/10/28 13:55
S25	166	((disc or disk or DVD) same layers) same dummy	EPO; JPO; DERWENT	OR	ON	2009/10/28 13:55
S26	221	((disc or disk or DVD) same layers) same (record\$ near3 (dummy or null or stuff \$3) )	US-PGPUB; USPAT	OR	ON	2009/10/28 14:06
S29	2514	(middle near area) and (disc or disk or dvd)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/12/16 07:58

S30	1544	S29 and @ay< "2005"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/12/16 07:58
S31	1	S30 and ((dummy or null or fill\$2) same (middle near area) same shift\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/12/16 08:00
S32	14	((dummy or null or fill \$2) same (middle near area) same shift\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/12/16 08:02
S33	90	S29 and ((middle near area) same shift\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/12/16 08:05
S34	2	("7016289"   "7502285").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/16 08:10
S35	20	("20020024902"   "20020114245"   "20020159353"   "20030033475"   "20030133369"   "20030163638"   "20030223338"   "20040057366"   "20040090886"   "20040133739"   "20040160875"   "20040213117"   "5729525"   "5881032"   "5930225"   "5966721"   "6072759"   "6076135"   "6154806"   "6456584").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/16 08:23
S36	48	(matoba and hajime). in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/12/16 09:03

### EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S3	28	H04n\$.ipc. and ((gop near2 size) same (trick or fast or speed))	USPAT; UPAD	OR	ON	2009/09/30 08:43

12/18/2009 9:28:18 AM

**C:\ Documents and Settings\ dharvey\ My Documents\ EAST\ Workspaces\ 10-577095.1.wsp**